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S. R. A.—Fed. Hort. Bd. 20. Issued October 30, 1915.

U. S. DEPARTMENT OF AGRICULTURE.

FEDERAL HORTICULTURAL BOARD.

C. L. Marlatt, *Chairman;* W. A. Orton, George B. Sudworth, W. D. Hunter, Karl F. Kellerman. R. C. Althouse, *Secretary.*

SERVICE AND REGULATORY ANNOUNCEMENTS.

SEPTEMBER, 1915.

REVISED LIST OF COUNTRIES WHICH MAINTAIN NURSERY STOCK INSPECTION, WITH LIST OF OFFICIAL INSPECTORS OF SUCH COUNTRIES AND WORDING OF OFFICIAL SEALS.[1]

The following countries have officially advised the Department of Agriculture through the State Department of the establishment and maintenance of a system of nursery stock inspection and certification, in compliance with the requirements of the Plant Quarantine Act of August 20, 1912:

Australia.
Barbados.
Belgium.
Bermuda.
British Guiana.
Canada.
Cuba.
Denmark.
England.
France.
Germany.
Guatemala.
Holland.
Ireland.
Jamaica.
Japan.
Leeward Islands:
  Antigua.
  St. Christopher-Nevis.
  Dominica.
  Montserrat.
  Virgin Islands.
Luxemburg, Grand Duchy of.
New Zealand.
Philippine Islands.
Scotland.
South Africa, Union of.
Spain.
Straits Settlements.
Switzerland.
Trinidad and Tobago.
Wales.
Windward Islands:
  Granada.
  St. Lucia.
  St. Vincent.

The Italian Government has indicated that the Province of Padua will certify export nursery stock, and a national law has been passed with the object of ultimately meeting for the country as a whole the requirements of the Plant Quarantine Act.

The list of the official inspectors of the countries above enumerated authorized to examine and certify nursery stock intended for export to the United States, giving their titles and official stations, as well as the seals which are affixed to both the original and copy certificates of inspection, follows:

AUSTRALIA.

Sydney, New South Wales.—H. V. Jackson, officer in charge, export and import branch, department of agriculture; J. Martin, jr., senior port inspector, department of agriculture; E. D. Butler, senior county inspector; G. Hainsworth, inspector.

Seal: "Department of Agriculture, New South Wales, Australia."

[1] See S. R. A., Fed. Hort. Bd. 7, August, 1914, pp. 51–66; S. R. A., Fed. Hort. Bd. 11, December, 1914, pp. 87–88.

Melbourne, Victoria.—E. Meeking; C. T. Cole, department of agriculture.

Brisbane, Queensland.—Certificates will be countersigned by E. G. E. Scriven, under secretary, department of agriculture; J. P. Orr, A. H. Cory, G. Tucker, A. McGowan, department of agriculture; supervising inspector will be Henry Tryon, Government entomologist and vegetable pathologist; acting supervising inspector in absence of Tryon, Edmund Jarvis, assistant entomologist.

Seal: "Department of Agriculture and Stock, Queensland."

Adelaide, South Australia.—George Quinn, Frank Rowell, O. Brown, J. Hunter, department of agriculture.

Perth, West Australia.—J. F. Moody, department of agriculture.

Hobart, Tasmania.—T. A. Tabart, George W. Wickens, T. Hooper, J. M. B. Connor, E. Beatty, and E. R. Johnes, department of agriculture.

Darwin, Northern Territory.—G. F. Hill, chief quarantine officer for plants.

The inspection arrangements will be under the direction of the Commonwealth director of quarantine, and the chief official inspector for each State will be the chief quarantine officer for plants. The actual inspection will be made by quarantine officers.

Seal: "Quarantine, Commonwealth of Australia."

BAHAMA ISLANDS.

Letter September 5, 1914, from the British ambassador at this capital, transmitted with Secretary of State's letter of September 18, 1914, states that governor of the Bahama Islands advises that the export trade in nursery stock with the United States is so small as not to justify the expense of the appointment of an inspector.

BARBADOS.

Bridgetown.—Mr. J. R. Borell, I. S. O., F. L. S., superintendent of agriculture. Mr. W. Newell, assistant superintendent.

Seal: "Superintendent of Agriculture, Barbados."

BELGIUM.

Ghent.—Dr. D. Van Hove, State entomologist of Belgium, Quai de Ter Plaeten, 29.

Seal: "Ministere de l'Agriculture. Service Phytopathologique."

BERMUDA.

NURSERY STOCK INSPECTION SERVICE.

Hamilton.—Mr. E. J. Wortley, director of agriculture.

Seal: "Department of Agriculture, Bermuda."

POTATO-INSPECTION SERVICE.

Wm. Kempe, inspector. R. W. Browne, Anstice Doe, F. Williams, G. E. Winter, E. L. Adams, Wm. Peniston, F. B. Astwood, Adolphus Smith, W. S. Perinchief, Field Ingham, E. K. Packwood, A. W. West, T. W. Davis, D. C. Boscombe, E. G. Gibbons, E. R. Outerbridge, T. H. Doe, R. Ingham, assistant inspectors.

Seal: Same as for nursery stock above.

BRITISH GUIANA.

Georgetown.—Chief: Mr. C. K. Bancroft, M. A., F. L. S., Government botanist. Deputies: Officials of the department of science and agriculture, as follows: Mr. R. Ward, agricultural superintendent. Mr. G. E. Bodkin, B. A., economic biologist. Mr. J. F. Waby, F. L. S., F. R. H. S., head gardener. Mr. W. E. Augustus, agricultural instructor for the county of Berbice.

Seal: "Inspector of Nursery Stock, Board of Agriculture, British Guiana."

CANADA.

NURSERY STOCK INSPECTION SERVICE.

Ottawa.—Dr. C. Gordon Hewitt, Dominion entomologist. Mr. Arthur Gibson, chief assistant.

Seal: "Division of Entomology, Department of Agriculture, Canada."

POTATO-INSPECTION SERVICE.

The following official inspectors have been authorized by the Canadian Federal Department of Agriculture to inspect and certify potatoes under the new Canadian regulations:

J. Adams.	H. T. Güssow.	W. A. McCubbin.
T. A. Beauchamp.	R. Holmden.	George Partridge.
J. R. Brownlee.	A. E. Hopper.	Sydney Peppin.
P. R. Cowan.	M. H. Jenkins.	U. H. Seguin.
F. Lisle Drayton.	Lorne Johnson.	C. E. Sheridan.
N. W. Eveleigh.	W. O. Johnston.	A. T. Tardif.
F. Forde.	William Kerr.	R. Trèpanier.

Seal: "Canada, Department of Agriculture, Plant-Disease Inspection. Division of Botany—Central Experimental Farm—Ottawa."

CUBA.

Habana.—Sr. Francisco B. Cruz, Director de la Granja Escuela Agrícola de la Habana. Dr. Mario Sánchez y Roig, professor of botany, agricultural school.

Matanzas.—Sr. Jorge Navarro, Director de la Granja Escuela Agrícola de Matanzas.

Santa Clara.—Sr. Antonio Ponce de León, Director de la Granja Escuela Agrícola de Santa Clara.

Santiago de Cuba.—Sr. Antonio Bruna, Director de la Granja Escuela Agrícola de Oriente.

Santiago de las Vegas.—Dr. Patricio P. Cardía, chief of the department of vegetable pathology, agricultural experiment station.

Isle of Pines (Isla de Pinos).—Mr. J. M. Rogers, entomologist and plant pathologist of the Santa Barbara Land Association, Isle of Pines, Cuba, special inspector of that district (Isle of Pines).

Seal: "Republica de Cuba. Inspeccion Sanitaria Vegetal."

DENMARK.

Copenhagen.—Dr. and Prof. Kølpin Ravn, counselor to the ministry of agriculture and in the pathology of plants. Dr. and Prof. Boas, counsel in agriculture and forest zoology. Dr. M. J. Lind, candidate in pharmacy, assistant and acting secretary to committee on inspection.

In a letter dated September 10, 1914, from Mr. C. Brun, the Danish minister at this capital, we were advised that the Danish plant-inspection service had been enlarged to include also the official inspection of potato fields and of potatoes intended for export, as well as other work of a similar nature.

Seal: "Landbrugsministeriets Tilsyn med smitsomme Plantesygdomme" or "The Department of Agriculture's Inspection of Infectious Plant Diseases."

ENGLAND AND WALES.

London.—Inspection office, board of agriculture and fisheries. *Chief inspection officer:* A. G. L. Rogers, head of the horticultural branch of the board of agriculture and fisheries. *Assistant inspector:* J. C. F. Fryer, entomologist. *General inspectors:*

E. Garnsey, G. P. Berry. *District inspectors:* G. C. Gough, E. W. Harber, A. C. Cole, Dr. R. H. Lock, J. Snell, and H. V. Taylor.

Island of Guernsey (British).—Mons. Adolphus Collenette, expert inspector of plantations and bulb gardens.

Seal: "Board of Agriculture and Fisheries."

FRANCE.

ARTICLE I.

The inspection districts of the phytopathological service are fixed as follows during the period of hostilities:

District number.	Departments.
1.	Aube, Aisne, Ardennes, Marne, Nord, Oise, Pas-de-Calais, Seine-et-Marne, Seine-et-Oise, Seine.
2.	Meurthe-et-Moselle, Meuse, Vosges.
3.	Calvados, Eure, Manche.
4.	Seine-Inférieure, Somme.
5.	Côtes-du-Nord, Finistère, Ille-et-Vilaine, Loire-Inférieure, Maine-et-Loire, Orne, Mayenne, Morbihan, Sarthe, Vendée.
6.	Charente-Inférieure, Indre-et-Loire, Deux-Sèvres, Vienne, Haute-Vienne.
7.	Eure-et-Loir, Loiret, Loir-et-Cher.
8.	Allier, Cher, Indre, Nièvre, Puy-de-Dóme.
9.	Charente, Corrèze, Creuse, Dordogne, Gironde, Landes, Lot-et-Garrone; Basses-Pyrénées.
10.	Ain, Isère, Jura, Loire, Haute-Loire, Rhone, Saône-et-Loire, Savoie, Haute Savoie, Côte d'Or, Doubs, Haute-Marne, Haute-Saône, Haut-Rhin, Yonne.
11.	Pyrénées-Orientales.
12.	Aude.
13.	Aveyron, Ardèche, Cantal, Gard, Hérault, Lozère.
14.	Ariège, Gers, Haute-Garonne, Lot, Hautes-Pyrénées, Tarn.
15.	Basses-Alpes, Hautes Alpes, Bouches-du-Rhône, Drôme, Var, Vaucluse.
16.	Alpes Maritimes, Corsica.

ARTICLE II.

The following are designated during the period of hostilities:

Principal inspector.

Marchal, director de la Station entomologique de Paris.

Inspectors.

Fron, maître de conferences à l'Institut national agronomique.

Guenot, professeur à la Faculté des Sciences de Nancy.

Gain, professeur à la Faculté des Sciences de Nancy.

Houard, maître de conférences à la Faculté des sciences de Caen.

Laurent, directeur des Services agricoles de la Seine-Inférieure.

Noel, directeur du Laboratoire départemental d'entomologie agricole de Rouen.

Ducomet, professeur de Pathologie végétale à l'Ecole nationale d'Agriculture de Rennes.

Peneau, préparateur au Muséum d'Histoire naturelle de Nantes.

Pouillaude, ingénieur agronome, préparateur à la Faculté des sciences de Rennes.

Maige, professeur à la Faculté des sciences de Poitiers.

Arnaud, chef de travaux à la Station de Pathologie végétale de Paris.

Gueguen, professeur de Pathologie végétale à l'Ecole nationale d'Agriculture de Grignon.

Dr. Majat, docteur ès sciences, Dirècteur du Bureau d'Hygiène de Vichy.
Capus, directeur de la Station de pathologie végétale de Cadillac (Gironde).
Chifflot, chargé de cours à la Faculté des sciences de Lyon.
Massonat, chef des travaux de zoologie.
Mengel, directeur de la Station d'avertissements et de prévisions agricoles des Pyrénées-Orientales.
Daumezon, docteur ès sciences, Directeur du Bureau d'Hygiène de Narbonne.
Boyer, professeur de Botanique à l'Ecole nationale d'Agriculture de Montpellier.
Picard, directeur de la Station entomologique de Montpellier.
Prunet, professeur à la Faculté des sciences de Toulouse.
Lecaillon, professeur à la Faculté des sciences de Toulouse.
Decrock, professeur à la Faculté des sciences de Marseille.
Poirault, directeur de la Station de Biologie végétale d'Antibes.

Deputy inspectors.

Berthault, docteur ès sciences.
Biers, professeur au Muséum d'Histoire Naturelle.
Mirande, ingénieur agronome, docteur ès sciences.
Sanarens, ingénieur agronome, directeur du Laboratoire municipal de Hâvre.
Lavergne, Gaston, 21 rue du Marché, à Vichy.
Mazade, Agronome à Mougins (Alpes-Maritimes).

ARTICLE III.

The service is organized as follows during the period of hostilities:

Districts.	Inspectors authorized to issue certificates.	Inspectors.	Subinspectors.
1	Fron		Berthault. Biers. Mirande.
2	Guénot	Gain	Mirande.
3	Houard	Gain	Mirande.
4	Laurent	Noel	Sanarens.
5	Ducomet	Péneau Pouillaude	Sanarens.
6	Maige	Pouillaude	Sanarens.
7	Arnaud	Guéguen	Sanarens.

GERMANY.

ALSACE-LORRAINE.

No information.

GRAND DUCHY OF BADEN.

Plant-inspection service.—Official supervisory office: Head of the Grand Ducal agricultural experiment office at Augustenberg. Dr. Karl von Wahl, Dr. Karl Muller, officials of the Grand Ducal agricultural experiment office of Augustenberg.

Seal: "Gr. Bad. Landwirtschaftliche Versuchsanstalt, Augustenberg."

KINGDOM OF BAVARIA.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Lorenz Hiltner, director of the Royal Agricultural Botanical Institute at Munich. Deputy: Dr. Gustav Korff, assistant at the Royal Agricultural Botanical Institute at Munich, chief of the plant-protection division of the institute. Second deputy: The then assistant chief of the aforesaid plant protection division, at present Kurt Altheimer, graduated agriculturist.

Seal: "K. B. Agrikulturbotanische Anstalt, München."

Joseph Häberlein, inspector of agriculture, principal of the Royal School of Horticulture of Weihenstephan. Substitute: W. Schmidt, head gardener of the institution.

Seal: "Kgl. Bayer. Gartenbauschule, Weihenstephan."

Dr. Achilles Zschokke, director of the Royal Educational and Experiment Institution for Wine and Fruit Cultivation of Neustadt an der Hardt. Substitute: Dr. R. Kirchner, assistant in the physiological station of the said institution.

Seal: "Direkt. D. K. B. Lehr- u. Vers.-Anst. f. Wein- u. Obstbau, Neustadt, A. H."

Rudolf Wilhelm Gareis, graduated agriculturist, principal of the Royal School of Wine, Fruit, and Garden Cultivation of Veitshöchheim. Substitute: Dr. Gerneck, teacher of natural science at the said institution.

Seal: "K. B. Lehranstalt F. Wein- Obst- u. Gartenbau in Veitshöchheim."

Jakob Gross, teacher of agriculture, principal of the Royal School of Fruit and Wine Cultivation at Schlachters near Lindau. Substitute: The assistant of the institution for the time being, at present Friedrich Bauer.

Seal: "K. B. Obst- u. Weinbauschule, Schlachters B. Lindau."

BRANDENBURG, INCLUDING BERLIN.

Observation district: Province of Brandenburg, including Berlin, in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

Expert, Dickopp; rank, director; residence, Werder a/Havel. Seal: "Obstbau-Winterschule, Werder a/H."

Deputy, Schmidt; rank, teacher of horticulture; residence, Oranienburg.

Seal: "Landwirtschaftliche u. Gärtner. Lehranstalt, Oranienburg."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province and others.

FREE HANSEATIC CITY OF BREMEN.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Dr. Ernest Lemmermann, assistant of the botanical division of the City Museum of Bremen. Deputies: Karl Messer, instructor in botanics; Fritz Wilde, teacher at the Modern High School of Bremen.

Seal: "Untersuchungsbeamter f. Pflanzenausfuhr, Freie Hansestadt Bremen."

GRAND DUCHY OF BRUNSWICK-LUNEBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. (1) Prof. Dr. Ruschhaupt of Helmstedt, chief instructor at the Agricultural College of Mecklenburg, head of the central office for plant protection of the Chamber of Agriculture. (2) Deputy, Ziegeler, garden inspector, principal of the Grand Ducal Nursery at Brunswick for Cultivated Forest Plants. (3) Prof. Falk of the Forestry Academy at Hann Münden. (4) Deputy, Prof. Rhumbler of the Forestry Academy of Hann Münden.

Seal: "Amtliche Pflanzenbeschau im Herzogt. Braunschweig."

CASSEL.

Observation district: Government district of Cassel in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural Experiment Station of the Chamber of Agriculture for the Government District of Cassel at Harleshausen near Cassel.

Expert, Dr. Haselhoff; rank, professor; residence, Harleshausen.

Deputy, Dr. Hager; rank, chief of division; residence, Harleshausen.

Seal: "Landw. Versuchsstation Der Landw.- Kammer für den Reg.-Bez. Cassel—Harleshausen bei Cassel—Amtl. Stelle für Nahr.- Untersuch."

See list of inspectors in observation service for the diseases of cultivated forest plants in above district, etc.

EAST PRUSSIA.

Observation district: Province of East Prussia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Plant protection office of the Chamber of Agriculture of Königsberg in Prussia.

Expert: Dr. Lemke; rank, director of the plant protection office; residence, Königsberg i/Pr.

Deputy, Kotelmann; rank, royal inspector of horticulture; residence, Königsberg i/Pr.

Seal: "Pflanzenschutzstelle—Landwirtschaftskammer f. d. Prov. Ostpreussen—Königsberg i/Pr."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

CITY AND DISTRICT OF ERFURT.

Observation district: City and district of Erfurt in Kingdom of Prussia, German Empire. Observation service for the protection of plants. Central office in district: Central office for the protection of plants at Erfurt.

Expert: Grisch; rank, counselor of husbandry; residence, Erfurt.

No seal furnished.

FREE AND HANSEATIC CITY OF HAMBURG.

Plant-inspection service.—Official supervisory office: Institute for Applied Botany at Hamburg. Prof. Dr. Brick, head of the plant protection station at Hamburg. Deputy, Dr. Lindinger, scientific assistant at the above-named station.

Seal: "Botanische Staatsinstitute Abtlg. f. Pflanzenschutz—Hamburg."

HANNOVER.

Observation district: Province of Hannover in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Office of the director of the agricultural experiment field of the University at Goettingen.

Expert, Zeeb; rank, principal of the winter school; residence, Weener.

Deputy, Sheidsmann; rank, principal of the winter school; residence, Leer.

Seal: "Landwirtschafts-Kammer für die Provinz Hannover."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

GRAND DUCHY OF HESSEN.

Plant-inspection service.—Official supervisory office: Chamber of Agriculture for the Grand Duchy of Hessen, at Darmstadt.

(1) Prof. Dr. Gisevius, director of the Agricultural Institute of the University of Giessen. Dr. Derlitzki, assistant.

Seal: "Landwirtsch. Institut Gr. Hess. Landes-Universität—Giessen."

(2) Economy Councilor Fuhr, director of the School for Wine and Fruit Growing, at Oppenheim. Prof. Dr. Muth, instructor in natural sciences. Dr. Kissel, instructor in agriculture.

Seal: "Gr. Hess. Wein- u. Obstbauschule—Oppenheim."

(3) Economy Councilor Walter, of Lengfeld, president of the Chamber of Agriculture for the Grand Duchy of Hessen. Deputy: Dr. Hamann, of Darmstadt, secretary of the Chamber of Agriculture. Deputy: Dr. Müller, of Darmstadt, reporter for the plant-protection service of the Chamber of Agriculture. Deputy: Herr Pfeifer, of Darmstadt, fruit and wine culture inspector.

Seal: "Landwirtschaftskammer f. das Grossherzogtum Hessen-Darmstadt."

HOHENZOLLERN.

The territory of Hohenzollern has been linked, for the observation of the diseases of cultivated plants of agriculture, horticulture, and forestry, to the central office created at Hohenheim at the Botanical and Plant Protection Institute for the Kingdom of Wurttemberg. Holder of the contract: Headquarters of the Union for the Furtherance of Agriculture in the territory of Hohenzollern, at Sigmaringen.

Central agriculture and horticulture office: Expert, Count von Brühl, president of the Board of Government, actual chief privy councilor, at Sigmaringen. Deputy, Dietten, lessee of the public domain, at Sigmaringen.

Seal: "Landw. Centralstelle für Hohenz, in Sigmaringen."

KINGDOM OF WURTTEMBERG.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. O. von Kirchner, chief of the Royal Institute for Plant Protection at Hohenheim. Deputy, Dr. W. Lang, at Hohenheim.

Seal: "K. W. Anstalt f. Pflanzenschutz—Hohenheim."

PRINCIPALITY OF LIPPE-DETMOLD.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

For cultivated agricultural and garden plants: Prof. Dr. Spieckermann, of the agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia. Deputy, Peter Kotthoff, assistant at the agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia. Teacher of Agriculture von Thun, head of the Agricultural College of Lage, in Lippe.

For cultivated forest plants: (1) Prof. Falk, of the Forestry Academy of Hann-Munden. Deputy, Prof. Rhumbler, of the Forestry Academy of Hann-Munden. (2) For the forest district of Lopshorn: Forester Rotteken, Forsthaus Heidental (Post Hiddesen). (3) For the forest district of Berlebeck: Forester Raker, at Berlebeck. (4) For the forest district of Kohlstadt-Horn: Forester Frevert, at Oesterholz (Post Schlangen). (5) For the forest district of Schieder: Forester Riekehof, of Schieder. (6) For the forest district of Varenholz: Forester Schmidt, at Langenholzhausen. (7) For the forest district of Sternberg: Forester Meyer, at Sternberg (Post Linderhoffe). (8) For the forest district of Detmold: Forester Hornhardt, at Detmold. (9) For the forest district of Falkenhagen: Forester von Lauchert, at Falkenhagen (Post Rischenau).

No seal furnished.

FREE HANSEATIC CITY OF LÜBECK.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry, at Dahlem, near Berlin (see below).[1] Steyer, Ph. D., chief instructor, head of the State office for the protection of plants at Lübeck. Deputy, Dr. Behn, commercial chemist, and Winkler, teacher of agriculture.

Seal: "Staatliche Pflanzenschutzstelle—Lübeck."

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[1] Jan. 16, 1914. German Embassy stated that supervision would be again exercised by the police office of Lübeck.

GRAND DUCHY OF MECKLENBURG-SCHWERIN.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry, at Dahlem. Dr. Hans Zimmerman, chief of division at the agricultural experiment station of Rostock, head of the central office for plant protection. Deputy, Dr. A. Baumann, Ph. D., agricultural assistant at the above-named experiment station.

Seal: "Landw. Versuchsstation Abt. für Pflanzenschutz." (Also red wax seal received, reading: "Landwirthschaftliche Versuchsstation Rostock.")

GRAND DUCHY OF MECKLENBURG-STRELITZ.

Same as Grand Duchy of Mecklenburg-Schwerin, given above.

GRAND DUCHY OF OLDENBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Walther, provincial fruit grower at Oldenburg. Deputy, Immel, court gardener at Oldenburg.

Seal: "Grossherzoglich Oldenburgischer—Oldenburg i. Gr.—Landesobstgärtner."

POMERANIA.

Observation district: Province of Pomerania in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Chamber of Agriculture for the Province of Pomerania, at Stettin.

Expert, Dr. Storms; rank, head of the institute; residence, Stettin.

Deputy, Kleins; rank, assistant; residence, Stettin.

Seal: "Anstalt für Pflanzenbau der Landwirtschaftskammer für die Provinz Pommern."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

PRINCIPALITY OF REUSS, ELDER BRANCH.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Foresty at Dahlem. Prof. Dr. Ludwig, aulic councilor at Greiz, head of the botanical central office for the Principality of Reuss. Deputy, Prof. Dr. Settegast, of Kostritz (acting for aulic councilor, Prof. Dr. Ludwig, of Greiz).

Seal: "Pflanzenbesichtigungsdienst des Fürstentums Reuss ält. Lin."

PRINCIPALITY OF REUSS, YOUNGER BRANCH.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Ludwig, aulic councilor at Greiz. head of the botanical central office for the Principality of Reuss. Prof. Dr. Settegast, head of the Agricultural Institute at Kostritz, near Gera.

Seal: "Pflanzenbesichtigungsdienst des Fürstentums Reuss j. L."

GRAND DUCHY OF SAXE-ALTENBURG.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councilor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the agricultural experiment station at the University of Jena, at Jena.

Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universität Jena. Vigilando Ascendimus."

DUCHY OF SAXE-ANHALT.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. Prof. Dr. Wilhelm Kruger, director of the agricultural experiment station of Bernburg. Deputy, Prof. Dr. Hermann Roemer, scientific assistant at the aforesaid station.

Seal: "Herzogl. Landes-Versuchsstation—Bernburg."

GRAND DUCHY OF SAXE-COBURG AND GOTHA.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

(1) Dr. Müller, professor of the experiment station for plant protection of the Chamber of Agriculture of Halle on the Saale. Deputy, Dr. Molz, of the experiment station for plant protection of the Chamber of Agriculture of Halle on the Saale.

Seal: "Versuchsstation für Pflanzenkrankheiten—Halle a. Saale—Institut d. Landwirtschaftskammer f. d. Provinz Sachsen."

(2) Also for the Duchy of Coburg: Fischer, economy councilor at Coburg. Deputy, Bruckner, teacher at Coburg for the Duchy of Gotha.

Seal: "Landwirtschaftliche Winterschule—Coburg."

(3) Otto Bissmann, fruit culture inspector, manager of the ducal nursery at Gotha. Deputy, Theodor Wagner, chief gardener at Gotha.

Seal: "Herzogl. S. Landesbaumschule—Gotha."

GRAND DUCHY OF SAXE-MEININGEN.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councilor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the agricultural experiment station at the University of Jena, at Jena. The central supervising office for the experts of the Duchy of Saxe-Meiningen is the division of the interior in the Ducal Ministry of the State of Saxe-Meiningen.

Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universität Jena. Vigilando Ascendimus."

GRAND DUCHY OF SAXE-WEIMAR.

Plant-inspection service.—Official supervisory office: Imperial Institute of Biology for Agriculture and Forestry at Dahlem. Prof. Dr. Edler, privy councilor, director of the Agricultural Institute of the University of Jena, head of the central office for plant protection at Jena. Deputy, Dr. Zade, first assistant chief of the agricultural experiment station at the University of Jena, at Jena.

Seal: "Grossherzgl. S. Landw. Versuchsstation A. D. Universität Jena. Vigilando Ascendimus."

KINGDOM OF SAXONY.[1]

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem. (1) Prof. Dr. Steglich, Government councilor, chief of the central plant protection office of the Kingdom of Saxony at Dresden. (2) Prof. Dr. Arno Naumann of the horticultural experiment station of Dresden, for district of the prefectures of Dresden and Bautzen. (3) Inspector Mönkemeyer, of the botanical garden of the University of Leipzig for the district of the prefectures of Leipzig, Chemnitz, and Zwickau. Deputy of the officials named under 1 to 3: Dr. Fieper, assistant chief of the agricultural experiment station at Dresden.

Seal: "Pflanzenschutzdienst im Königreich Sachsen."

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[1] Not Province of Saxony.

SAXONY.[1]

Observation district: Province of Saxony in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Experiment station for the protection of plants of the Chamber of Commerce of Halle on the Saale.

Expert, Dr. Müller; rank, professor; residence, Halle a/S.

Deputy, Dr. Mobz; rank, acting head of the experiment station; residence, Halle a/S.

Seal: "Versuchsstation für Pflanzenkrankheiten—Halle a. Saale—Institut d. Landwirtschaftskammer f. d. Provinz Sachsen."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

PRINCIPALITY OF SCHAUMBURG-LIPPE.

Declines to take action because no plants are exported to the United States of America.

SCHLESWIG-HOLSTEIN.

Observation district: Province of Schleswig-Holstein in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural chemical experiment station of the Chamber of Agriculture at Kiel.

Expert, Dr. Wehnert; rank, head of the agricultural chemical experiment station; residence, Kiel.

Deputy, Dr. Sieden; rank, deputy chief of the agricultural chemical experiment station; residence, Kiel.

Seal: "Agrikulturchemische Versuchsstation der Landwirtschaftskammer -Kiel—Für die Prov. Schlesw.-Holstein—Hauptsammelstelle für Pflanzenschutz."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

PRINCIPALITY OF SCHWARZBURG-RUDOLSTADT.

Declines to take action because no plants are exported to the United States of America.

PRINCIPALITY OF SCHWARZBURG-SONDERSHAUSEN.

Plant-inspection service.—Official supervisory office: Imperial Biological Institute for Agriculture and Forestry at Dahlem.

(1) Upper Dominion and the city of Sondershausen.—Forester Margraf of Sondershausen. Deputy, Junior Forester Fischer, of Sondershausen.

Seal: "Fürstl. Schwarzb. Oberforstamt. Sondershausen."

(2) Lower Dominion and the city of Arnstadt.—Forester Preiss of Arnstadt.

Seal: "Der Fürstl. Oberförster. Arnstadt."

Deputy, Forester Lammerzahl of Gehren.

Seal: "Der Fürstl. Oberförster für Untergehren, Gehren."

SILESIA.

Observation district: Province of Silesia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural and botanical experiment and seed-testing station of the Chamber of Agriculture of Breslau.

Expert, Dr. Grosser; rank, director; residence, Breslau.

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[1] Not Kingdom of Saxony.

Deputy, Dr. Oberstein; rank, station's botanist; residence, Breslau.

Seal: "Agrikultur-botanische Versuchs- u. Samenkontrollstation der Landwirtschaftskammer für die Provinz Schlesien."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

WESTPHALIA.

Observation district: Province of Westphalia in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Agricultural experiment station of the Chamber of Agriculture of Münster in Westphalia.

Expert, Dr. Spierkermann; rank, professor; residence, Münster i/Westp.

Deputy, Kotthoff Potor; rank, assistant in the agricultural experiment station; residence, Münster i/Westp.

Seal: "Landwirtsch. Versuchsstation—Münster i/W."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

WEST PRUSSIA AND POSEN.

Observation district: Provinces of West Prussia and Posen in Kingdom of Prussia, German Empire. Observation service for the diseases of cultivated agricultural and garden plants (exclusive of cultivated forest plants). Central office in district: Division of plant diseases in the Kaiser Wilhelm Institute for Agriculture in Bromberg.

Expert, Dr. Schander; rank, professor; residence, Bromberg.

Deputy, Krause Fritz; rank, assistant; residence, Bromberg.

Seal: "Abteilung für Pflanzenkrankheiten des Kaiser Wilhelms Instituts für Landwirtschaft in Bromberg."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Provinces, etc.

GOVERNMENT DISTRICT OF WIESBADEN AND RHINE PROVINCE.

Observation district: (*a*) Government district of Wiesbaden and Rhine Province in Kingdom of Prussia, German Empire, so far as the culture of wine, fruit, and gardens is concerned (Geisenheim). (*b*) Rhine Province in Kingdom of Prussia, German Empire, so far as it does not affect the college at Geisenheim as central office. Observation service for the diseases of cultivated agricultural and garden plants as above (exclusive of cultivated forest plants). Central offices in observation district: For (*a*) above, plant pathology experiment station of the Royal College of Viticulture, Fruit Culture, and Horticulture at Geisenheim on the Rhine; for (*b*) above, agricultural Academy at Bonn-Poppelsdorf.

Expert at Geisenheim, Dr. Lustner; rank, head of the plant pathological experiment station; residence, Geisenheim a/Rh.

Deputy at Geisenheim, the assistant of the plant pathological experiment station; at present, Wissmann; rank, assistant of the plant pathological experiment station; residence (of Wissmann), Geisenheim a/Rh.

Seal: "Königliche Lehr-Anstalt für Obst-, Wein- und Gartenbau zu Geisenheim a. R.—Pflanzenpathologische Versuchsstation."

Expert at Bonn-Poppelsdorf, Wagner; rank, inspector of fruit culture; residence, Bonn.

Deputy at Bonn-Poppelsdorf, Stubler; rank, inspector of fruit culture; residence, Bonn.

Seal: "Landwirtschaftskammer für die Rheinprovinz in Bonn."

See list of inspectors in observation service for the diseases of cultivated forest plants in above Province, etc.

Additional experts for the Rhine Province who have been charged by the Royal Prussian minister of agriculture, domains, and forests with the duty of examining plants and nursery stock intended for export to the United States, and of issuing the requisite certificates of inspection:[1]

Wagner, Obstbauinspektor der Landwirtshaftskammer, Bonn.
Seal: "Landwirtschaftskammer für die Rheinprovinz in Bonn."
Braden, Direktor der Provinzial-Obst- und Weinbauschule, Ahrweiler.
Seal: "Prov. Wein- und Obstbauschule zu Ahrweiler."
Muller, Direktor der Provinzial-Obst- und Weinbauschule, Trier.
Seal: "Provinzial-Weinbauschule zu Trier."
Schulte, Direktor der Provinzial-Obst- und Weinbauschule, Kreuznach.
Seal: "Prov. Wein- und Obstbauschule zu Kreuznach."
Schreiber, Direktor der Winterschule, Haldern (Rhld.).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Haldern Rhld."
Tille, Direktor der Winterschule, Brünen (Niederrhein).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Brünen, Kreis Rees."
Schoenmackers, Direktor der Winterschule, Geldern.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Geldern."
Reuther, Direktor der Winterschule, Xanten.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Xanten."
Haack, Direktor der Winterschule, Moers.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Moers."
Magny, Direktor der Winterschule, Kettwig (Ruhr).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Kettwig, Ruhr."
Dr. Habernoll, Direktor der Winterschule, Crefeld.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Crefeld."
Meyer, Landwirtschaftslehrer, Dülken.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Dülken."
Caspers, Direktor der Winterschule, Kempen (Rhein).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Kempen (Rhein)."
Woebel, Direktor der Winterschule, Ratingen.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Ratingen."
Hagert, Landwirtschaftslehrer, Vohwinkel.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Vohwinkel."
Kunze, Direktor der Winterschule, Lennep.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Lennep."
Wolff, Direktor der Winterschule, Neuss.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Neuss."
Dr. Wellman, Direktor der Winterschule, Odenkirchen.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Odenkirchen."
Scholz, Direktor der Winterschule, Bergheim (Erft).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Bergheim, Erft."
Oechsner, Direktor der Winterschule, Zülpich.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Zülpich."
Schillinger, Direktor der Winterschule, Rheinbach.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Rheinbach."

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[1] These experts are not assigned to specified districts in the Province.

Dr. Sehnert, Direktor der Winterschule, Hennef (Sieg).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hennef, Sieg."
Dr. Pützkaul, Direktor der Winterschule, Lindlar.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Lindlar, Kreis Wipperfürth."
Dr. Ziegenbein, Direktor der Winterschule, Vollmerhausen (Bez. Cöln).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Vollmerhausen, Cöln."
Orth, Direktor der Winterschule, Waldbroel.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Waldbroel."
Tunkel, Direktor der Winterschule, Geilenkirchen (Rheinland).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Geilenkirchen, Rhld."
Rieke, Direktor der Winterschule, Erkelenz.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Erkelenz."
Meyer, Ökonomierat, Direktor der Winterschule, Eschweiler.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Eschweiler."
Wintgen, Direktor der Winterschule, Jülich.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Jülich."
Albers, Direktor der Winterschule, Jmgenbroich.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Jmgenbroich."
Dr. Koch, Direktor der Winterschule, Wetzlar.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wetzlar."
Fisch, Direktor der Winterschule, Wissen (Sieg).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wissen, Sieg."
Dr. Rauser, Direktor der Winterschule, Niederbieber.
Seal: "Landw. Winterschule, D. Landw. Kammer F. D. Rheinpr. zu Niederbieber, Kr. Neuwied."
Friessleben, Ökonomierat, Direktor der Winterschule, Andernach.
Seal: "Landw. Winterschule, D. Landw. Kammer F. D. Rheinpr. zu Andernach."
Binkert, Direktor der Winterschule, Adenau.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Adenau."
Kotzel, Direktor der Winterschule, Bullay.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Bullay."
Freiherr von Löffelholz, Direktor der Winterschule, Meisenheim (Glan).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Meisenheim."
Schweikert, Direktor der Winterschule, Simmern (Hunsrück).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Simmern, Hunsrück."
Niessen, Direktor der Winterschule, Hillesheim (Eifel).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hillesheim, Eifel."
Dr. Schmitz, Direktor der Winterschule, Call-Heistert (Kr. Schleiden).
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. Call-Heistert (K. Schleiden)."
Weinberg, Direktor der Winterschule, Neuerburg.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Neuerburg."
Ritgen, Direktor der Winterschule, Prüm.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Prüm."
Wirz, Ökonomierat, Direktor der Winterschule, Wittlich.
Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Wittlich."

Hömberg, Direktor der Winterschule, Saarburg (Bez. Trier).

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Saarburg, Bez. Trier."

Berth, Direktor der Winterschule, Hermeskeil.

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Hermeskeil."

Dr. Pfeiffer, Direktor der Winterschule, St. Wendel.

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu St. Wendel."

Dr. Siebenhütter, Direktor der Winterschule, Saarlouis.

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Saarlouis."

Flerlage, Direktor der Winterschule, St. Vith (Eifel).

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu St. Vith."

Hillmann, Direktor der Winterschule, Morbach (Bez. Trier).

Seal: "Landw. Winterschule—D. Landw. Kammer F. D. Rheinpr. zu Morbach, Bez. Trier."

Bernhard, Technischer Leiter der Schule, Kreuznach.

Seal: "Prov. Wein- und Obstbauschule zu Kreuznach."

Kuhlmann, Direktor der Winterschule, Cleve.

Seal: "Landwirthschaftsschule in Cleve."

PRINCIPALITY OF WALDECK AND PYRMONT.

Declines to take action because no plants are exported to the United States of America.

KINGDOM OF PRUSSIA, GERMAN EMPIRE.

Observation district: Provinces of East Prussia, West Prussia, Posen, Brandenburg (including Berlin), Pomerania, Silesia, Saxony (not Kingdom of Saxony). Observation service for the diseases of cultivated forest plants (exclusive of cultivated agricultural and garden plants). Central office in district: Forest Academy at Eberswalde.

Expert: Dr. Moller; rank, chief forester-professor; residence, Eberswalde.

Deputy, Bandow; rank, forester assessor; residence, Eberswalde.

Besides the assistance of Professor of Zoology Dr. Eckstein, Eberswalde.

Seal: "Königl. Preuss. Forst-Akademie Eberswalde."

See list of inspectors in observation service for the diseases of cultivated agricultural and garden plants for the above Provinces, etc.

Observation district: Provinces of Westphalia, Hessen-Nassau, Rhine Province, Schleswig-Holstein, Hannover, Principality of Birkenfeld. Observation service for the diseases of cultivated forest plants (exclusive of cultivated agricultural and garden plants.) Central office in district: Forest Academy at Hann-Munden.

Expert, Falk; rank, professor; residence, Hann-Munden.

Deputy, Rhumbler; rank, professor; residence, Hann-Munden.

Seal: "Zoologisches Institut der Königl. Forstakademie Munden."

Seal: "Mykolog. Institut D. Kgl. Preuss. Forstakademie Munden."

See list of inspectors in observation service for the diseases of cultivated agricultural and garden plants for the above Provinces, etc.

GUATEMALA.

Guatemala.—Mr. Manuel Lemus, director general of mines and industries. (Temporary appointment.)

Seal: "Dirección General de Agricultura. Republica de Guatemala, C. A."

HOLLAND.

NURSERY STOCK INSPECTION SERVICE.

Wageningen.—Dr. J. Ritzema Bos, chief of the Dutch Phytopathological Service, Instituut voor Phytopathologie; H. Maarschalk, assistant; J. Zwartendyk, inspector.

Seal: "Ministerie van Landbouw, Nijverheid en Handel. Directie van den Landbouw Phytopathologische Dienst."

POTATO INSPECTION SERVICE.

J. H. Z. Molewyk and J. Dantuma, Controllers of the Netherland Phytopathologic Service.

Seal: Same as for nursery stock above.

IRELAND.

Dublin.—Department of agriculture and technical instruction. Sir Frederick W. Moore, M. R. I. A., keeper of the Royal Botanic Gardens, Glasnevin, Dublin. G. H. Carpenter, B. Sc., M. R. I. A., Royal College of Science. G. H. Pethybridge, Ph. D., B. Sc., head of the seeds and plant diseases division of the department's agricultural branch. W. S. Irving, junior inspector of the department. I. Dearnaley, horticultural inspector of the department. G. Doolan, horticultural inspector of the department. G. O. Sherrard, A. R. C. Sc. I., horticultural inspector of the department. E. Turner, A. R. C. Sc. I., horticultural inspector of the department.

Mr. James Vincent Coyle, principal staff officer in the agricultural branch of the department of agriculture and technical instruction, has been appointed chief inspection official for Ireland.

Mr. F. J. Meyrick and Mr. D. J. McGrath, staff officers in the agricultural branch, have been appointed as deputies to sign certificates on behalf of the chief inspection official.

Seal: "Department of Agriculture and Technical Instruction."

JAMAICA.

Kingston.—H. H. Cousins, director of agriculture; S. F. Ashby, microbiologist.

Seal: "Department of Agriculture, Jamaica."

JAPAN.

Yokohama.—Chief plant inspector, S. I. Kuwana; assistant plant inspectors, A. Kariya and S. Ebihara, Plant Quarantine Station.

Kobe.—Chief plant inspector, T. Nishida; assistant plant inspectors, C. Fukaya and T. Kadota, Plant Quarantine Station.

Moji.—Chief plant inspector, T. Kawahara; assistant plant inspectors, T. Takamura and S. Suzuki, Plant Quarantine Station.

Nagasaki.—Assistant chief plant inspector, K. Habutsu; assistant plant inspector, Y. Masui, Plant Quarantine Station.

Yokkaichi.—Assistant chief plant inspector, T. Murata, Plant Quarantine Station.

Tsuruga.—Assistant chief plant inspector, S. Takahashi, Plant Quarantine Station.

Seal: "Department of Agriculture and Commerce."

LEEWARD ISLANDS.[1]

Curators, botanical stations: T. Jackson, Antigua; F. R. Shepherd, St. Kitts-Nevis; J. Jones, Dominica; W. Robson, Montserrat; C. A. Gomes (acting), Virgin Islands.

As the curators of the several stations are not supplied with distinctive seals of office, certificates issued by the officials referred to will bear a rubber stamp marked with date of issue.

GRAND DUCHY OF LUXEMBURG.

Luxemburg.—Mr. Victor Ferrant, inspector of the agricultural and horticultural department of Luxemburg.

Seal: "Grand Duché de Luxembourg. Station Phytopathologique."

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[1] Not Leeward Islands of the Spaniards.

NEW ZEALAND.

Auckland.—G. E. Harnett, of department of agriculture, industries, and commerce. C. Craigie, of the department of agriculture, industries, and commerce.

Bluff.—R. Hutton, of department of agriculture, industries, and commerce.

Christchurch.—G. Esam, of department of agriculture, industries, and commerce.

Dunedin.—W. T. Goodwin, of department of agriculture, industries, and commerce. T. E. Taylor, of department of agriculture, industries, and commerce.

Wellington.—C. E. C. Dyke, of department of agriculture, industries, and commerce. T. C. Webb, jr., of department of agriculture, industries, and commerce.

Seal: "Dept. of Agriculture, Industries, & Commerce. Dominion of New Zealand."

PHILIPPINE ISLANDS.

(Inaugurated Dec. 1, 1914.)

Manila.—Plant inspectors: David B. Mackie; John T. Zimmer; Bonifacio Arce.

No seal furnished.

SCOTLAND.

Edinburgh.—Mr. R. Stewart MacDougall, M. A., D. Sc., biological adviser to the board of agriculture. Mr. Thomas Anderson, M. A., B. Sc., assistant inspector.

Seal: "Board of Agriculture for Scotland."

UNION OF SOUTH AFRICA.

Government plant inspectors under the direct control of the chief of the division of entomology (Mr. C. P. Lounsbury, B. Sc.) are stationed at Pretoria, Johannesburg, Durban, East London, Port Elizabeth, and Cape Town, all of whom are competent to examine and issue certificates covering their inspection of plants intended for export to the United States. The Government of the Union of South Africa has appointed (1) Mr. Chas. P. Lounsbury, chief of the division of entomology, Pretoria; (2) Mr. Claude Fuller, assistant chief of the division of entomology, Pretoria; (3) Mr. C. W. Mally, Cape entomologist, Cape Town, as inspectors.

Seals: "Department of Agriculture, Division of Entomology," and "Office of Cape Entomologist, Cape Town."

SPAIN.

MINISTRY OF FOMENTO, DEPARTMENT OF AGRICULTURE, MINES, AND MOUNTAINS, DIVISION OF TECHNICAL INSTRUCTION, CULTIVATION, AND FIELD PESTS.

List of agronomical engineers attached to the agronomical sections in the Provinces who are authorized to inspect the establishments engaged in the trade of live plants and shipment of plants for exportation.

Province.	Name of official.	Title.
Alava	D. José Mª Díaz de Mendívil	Engineer, chief of section.
Albacete	D. Eladio Morales Arjona	Do.
Alicante	D. Vicente Ramos Morand	Do.
Almería	D. Juan de la Cruz Soler	Do.
Avila	D. Angel de Diego Capdevila	Do.
Badajoz	D. Juan Civantos y Rodríguez	Do.
Baleares	D. Antonio Ballester Llambías	Do.
Barcelona	D. Ignacio Víctor Clarió Soulan	Do.
	D. Jaime Nonell Comas	Assistant engineer.
Burgos	D. Angel Hernáez Díez	Engineer, chief of section.
Cáceres	D. Víctor Risueño Muriedas	Do.
Cádiz	D. Carlos Pérez Fernández Jáuregui	Do.
Canarias	D. Francisco Menéndez Martín	Chief engineer, Santa Cruz de Tenerife.
	D. Emilio Gomez Flores	Chief engineer, Las Palmas (Gran Canaria).
Castellón	D. Francisco Palacios Granell	Engineer, chief of section.
Ciudad Real	D. Francisco Rivas Gómez	Do.
Córdoba	D. Alberto Castiñeyra Boloix	Do.

List of agronomical engineers attached to the agronomical sections in the Provinces who are authorized to inspect the establishments engaged in the trade of live plants and shipment of plants for exportation—Continued.

Province.	Name of official.	Title.
Coruña	D. Leopoldo Hernández Robredo	Engineer, chief of section.[1]
Cuenca	D. Tomás Alfonso Lozano	Do.
Gerona	D. Isidoro Aguiló y Cortés	Do.
Granada	D. José María Albares Subirat	Do
Guadalajara	D. Pedro Herce Fernández	Do.
Guipuzcoa	D. José María Díez Ulzurrum	Do.
Huelva	D. Andrés Buisan García	Do.
Huesca	D. Carmelo Benaiges Aris	Do.
Jaén	D. José de Viedma Jiménez	Do.
León	D. Leandro Madinaveitia	Do.
Lérida	D. Ramón Castañer y Soy	Do.
Logroño	D. Francisco Pascual de Quinto	Do.
Lugo	D. Juan de Eguileor Orueta	Do.
Madrid	D. Manuel Sáenz Temple	Do.
	D. Angel Ullastres Coste	Assistant engineer.
Málaga	D. Leopoldo de Salas y Amat	Engineer, chief of section.
Murcia	D. Ramón Sancho-Miñano Elorz	Do.
Navarra	D. José Sánchez Miranda y Cidoncha	Do.
Orense	D. Juan Sanz de Andino	Do.
Oviedo	D. Manuel Naredo Teja	Do.
Palencia	D. Luis de Sisternes y Moreno	Do.
Pontevedra	D. Jesús Andreu y Lázaro	Do.
Salamanca	D. José Pequeño y Muñoz Repiso	Do.
Santander	D. Enrique de la Lama del Arenal	Do.
Segovia	D. Ramón Gómez Landero	Do.
Sevilla	D. José María Grande de Vargas	Do.
Soria	D. Doroteo Relaño Sánches	Do.
Tarragona	D. Joaquin Bernat y Font	Do.
	D. José Valls y Torres	Assistant engineer.
Teruel	D. José María Hualde	Engineer, chief of section.
Toledo	D. Ramón Rodríguez Martín	Do.
	D. Eduardo Saavedra Forner	Assistant engineer.
Valencia	D. Antonio Alcaráz Bermúdez	Engineer, chief of section.
Valladolid	D. Carlos Solano Martínez de Pisón	Do.
Vizcaya	D. José María Iñigo de Angulo	Do.
Zamora	D. Manuel Zapatero y García	Do.
Zaragoza	D. José Cruz Lapazarán	Do.

[1] Temporary.

The seal will be in ink and round, with the escutcheon of the agricultural branch of the ministry and with the name of the corresponding section or Province. It will show a semicircular wreath surmounted by several spears of wheat, or similar plant, and a crown.

STRAITS SETTLEMENTS.

Singapore.—Mr. Isaac Henry Burkill, director of gardens, Straits Settlements, chief inspection officer for the issue of certificates.

Singapore.—Mr. James Webster Anderson, assistant curator, botanical gardens, will be assistant to above director.

Penang.—Mr. Mohammed Haniff, overseer, botanical gardens, will be assistant to above director.

Seal: "Botanic Gardens—Straits Settlements."

SWITZERLAND.

Canton Zurich, Wadenswyl.—Prof. Dr. Müller-Thurgau (1910), Swiss Experimental Station for Arboriculture, Viticulture, and Horticulture.

Seal: "Schweizerische Versuchsanstalt für Obst-, Wein-, und Gartenbau." (Swiss Experimental Station for Arboriculture, Viticulture, and Horticulture.)

TRINIDAD AND TOBAGO.

Port of Spain.—Mr. W. G. Freeman, assistant director of agriculture and Government botanist (chief inspector). Mr. Joseph De Verteuil, assistant director of agriculture. Mr. J. B. Rorer, mycologist. Mr. F. W. Urich, entomologist. Mr. P. L.

Guppy, assistant entomologist. Mr. J. C. Augustus, curator, botanic gardens (Trinidad). Mr. W. E. Broadway, curator, botanic gardens (Tobago). Mr. D. C. Plummer, assistant superintendent, field experiments.

Seal: "*Trinidad & Tobago.* Georgius V D: G: Britt: et Terrarum Trans Mar: Quae in Dit: Sunt Brit: Rex F: D: Ind: Imp."

WALES.

See England.

WINDWARD ISLANDS.

Granada.—G. G. Auchinleck, agricultural superintendent. George Branch, agricultural instructor.

St. Lucia.—J. C. Moore, agricultural superintendent. A. J. Brooks, assistant agricultural superintendent.

St. Vincent.—W. N. Sands, agricultural superintendent. F. Birkinshaw, assistant agricultural superintendent.

No seal furnished.

The foregoing list supersedes all previous lists published. Additional countries will doubtless avail themselves of the privilege of exporting to the United States nursery stock in commercial quantities by the organization of a system of nursery stock inspection and certification. This list will be revised annually.

R. C. Althouse,
Secretary, Federal Horticultural Board.

REVISED LIST OF INSPECTION PLACES FOR PLANTS AND PLANT PRODUCTS ADDRESSED TO POST OFFICES IN CALIFORNIA.

Office of Third Assistant Postmaster General,
Washington, September 16, 1915.

In connection with the instructions to postmasters, dated May 26, 1915, appearing on page 5 of the June, 1915, supplement to the Postal Guide, concerning the terminal inspection of plants and plant products in the State of California, there is given below a revised list of the places in that State where such inspection is maintained. In each case the place to which a postmaster in the State of California shall send for inspection, after receiving the required postage therefor, under the provisions of section 478¼, Postal Laws and Regulations, a package containing plants or plant products subject to terminal inspection, is the one which is nearest to his office.

Albion.	Brawley.	Cucamonga.	Exeter.
Alturas.	Brynmawr.	Cutler.	Farmersville.
Anaheim.	Calexico.	Davis.	Fillmore.
Anderson.	Carpinteria.	Delrosa.	Fort Bragg.
Angiola.	Chico.	Delano.	Fontana.
Aromas.	Chino.	Dinuba.	Fowler.
Arroyo Grande.	Claremont.	Downey.	Fresno.
Auburn.	Clovis.	Duarte.	Glendale.
Azusa.	Coachella.	Ducor.	Glendora.
Bakersfield.	College City.	East Highlands.	Goshen.
Banning.	Colton.	Edison.	Grass Valley.
Bard.	Colusa.	El Centro.	Hanford.
Beaumont.	Corning.	Elsinore.	Healdsburg.
Bieber.	Corona.	Escalon.	Hemet.
Bishop.	Covelo.	Escondido.	Highland.
Bloomington.	Covina.	Etiwanda.	Hollister.
Blythe.	Craftonville.	Eureka.	Hopland.

Imperial.
Indio.
Kelseyville.
Kerman.
Kingsburg.
La Manda Park.
Lancaster.
Lemon Cove.
Lindsay.
Livingston.
Lodi.
Los Angeles.
McFarland.
Madeline.
Madera.
Manteca.
Martinez.
Marysville.
Mecca.
Mendocino.
Merced.
Modesto.
Monrovia.
Napa.
Naranjo.
Newman.
Norwalk.
Oakdale.
Oakland.
Oakley.
Oceanside.
Ontario.
Orange.
Orosi.
Oroville.
Oxnard.
Pasadena.
Paso Robles.
Perris.
Pixley.
Placerville.
Point Arena.
Pomona.
Portersville.
Red Bluff.
Redding.
Redlands.
Reedley.
Rialto.
Richgrove.
Ripon.
Rivera.
Riverside.
Sacramento.
San Benito.
San Bernardino.
San Diego.
San Dimas.
San Fernando.
San Francisco.
Sanger.
San Jose.
San Luis Obispo.
San Mateo.
Santa Ana.
Santa Barbara.
Santa Cruz.
Santa Fe Springs.
Santa Maria.
Santa Paula.
Santa Rosa.
Selma.
South Pasadena.
Springville.
Stockton.
Saint Helena.
Strathmore.
Sultana.
Susanville.
Tehachapi.
Terra Bella.
Thermal.
Tipton.
Tropico.
Tulare.
Ukiah.
Upland.
Ventura.
Victorville.
Visalia.
Wasco.
Watsonville.
Whittier.
Williams.
Willits.
Willow.
Winters.
Woodlake.
Woodland.
Yettem.
Yreka.
Yucaipa.
Yuba City.

A. M. Dockery,
Third Assistant Postmaster General.

September 17, 1915.

The Honorable The Postmaster General.

Sir: The following list of plants and plant products, submitted by Dr. A. W. Morrill, State entomologist of Arizona, is approved for the State of Arizona under the act of March 4, 1915, and in accordance with Postal Order No. 8760, issued April 2, 1915:

"All florists' stock, trees, shrubs, vines, cuttings, grafts, scions, buds, fruit pits, and other seeds of fruit and ornamental trees or shrubs, and other plants and plant products for propagation, except vegetable and flower seeds; and all insect enemies and plant diseases of such plants and plant products."

All insect enemies and plant diseases of the plants and plant products referred to above are covered in lieu of a specifically enumerated list.

Inspection service is maintained at the following points: Clifton, Douglas, Kingman, Phoenix, Thatcher, Tucson, and Yuma.

For the sake of uniformity and consequent ease of administration it is recommended that the list of plants and plant products now subject to terminal inspection in the State of California, which at present excepts bedding plants and other herbaceous plants and roots, in addition to vegetable and flower seeds, be amended to agree with the Arizona list, as suggested by the California State commissioner of horticulture.

Very respectfully,

C. F. Marvin,
Acting Secretary of Agriculture.

PLANTS AND PLANT PRODUCTS ADDRESSED TO PLACES IN ARIZONA.

OFFICE OF THIRD ASSISTANT POSTMASTER GENERAL,
Washington, September 22, 1915.

The State of Arizona has established places for the terminal inspection of plants and plant products, under the provisions of the act of March 4, 1915, embodied in section 478¼, Postal Laws and Regulations, appearing on page 49 of the May, 1915, Supplement to the Postal Guide.

All postmasters are therefore informed that packages containing plants or plant products addressed to places in the State of Arizona may be accepted for mailing only when plainly marked so that the contents may be readily ascertained by an inspection of the outside thereof. The law makes the failure so to mark such packages an offense punishable by a fine of not more than $100.

The plants and plant products subject to terminal inspection in the State of Arizona are described as follows:

"All florists' stock, trees, shrubs, vines, cuttings, grafts, scions, buds, fruit pits, and other seeds of fruit and ornamental trees or shrubs, and other plants and plant products for propagation, except vegetable and flower seeds."

Postmasters within the State of Arizona shall be governed strictly by the provisions of paragraphs 3, 4, 5, and 6, section 478¼, Postal Laws and Regulations, in the treatment of all packages addressed for delivery at their offices containing any plants or plant products above described as subject to terminal inspection.

The place to which a postmaster in the State of Arizona shall send for inspection, after receiving the required postage therefor, under the provisions of section 478¼, Postal Laws and Regulations, a package containing plants or plant products subject to terminal inspection is the one in the list below which is nearest to his office: Clifton, Douglas, Kingman, Phoenix, Thatcher, Tucson, Yuma.

Owing to the perishable character of plants and plant products the packages containing such matter must be given prompt attention.

Any failure of compliance with the foregoing instructions, or with the provisions of section 478¼, Postal Laws and Regulations, coming to the attention of any postmaster should be reported to the Third Assistant Postmaster General, Division of Classification.

A. M. DOCKERY,
Third Assistant Postmaster General.

REVISED LIST OF PLANTS AND PLANT PRODUCTS SUBJECT TO TERMINAL INSPECTION IN THE STATE OF CALIFORNIA.

OFFICE OF THIRD ASSISTANT POSTMASTER GENERAL,
Washington, September 22, 1915.

Referring to the plants and plant products subject to terminal inspection in the State of California, as described in the third paragraph of the instructions pertaining thereto, appearing on page 5 of the June, 1915, Supplement to the Postal Guide, postmasters are informed that bedding plants and other herbaceous plants and roots are no longer excepted from such terminal inspection, and hereafter packages addressed to places in the State of California containing bedding plants and other herbaceous plants and roots shall be treated in the manner in which packages containing other plants and plant products subject to terminal inspection in that State are treated.

A. M. DOCKERY,
Third Assistant Postmaster General.

WASHINGTON : GOVERNMENT PRINTING OFFICE : 1915

PLANTS AND PLANT PRODUCTS ADMITTED TO PLACES IN ARIZONA.

[Regulations for Those Desiring to Import Plants into the State.]

[Washington, D. C., [illegible], 1914.]

The Secretary of Agriculture has established rules for the importation of plants and plant products, under the provisions of the act of March 4, 1913, entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1914, and for other purposes" (Public, No. 163, Sixty-second Congress, second session), to the Forest Service.

All persons are therefore informed that permits covering plants or plant products intended to be placed in the State of Arizona may be secured by mailing such plants or plant products to the Forest Service, Washington, D. C., or to any station of the Forest Service. The law places the burden on the shipper of such permits of proving admissible by a free of not more than $1.

The plants and plant products subject to mandatory inspection in the State of Arizona are described as follows:

All trees, vines, shrubs, plants, cuttings, grafts, scions, buds, roots, plants, and other parts of such nursery stock, or cuttings, and other plants and plant products for propagating, except seeds and fruits or nuts.

Documents within the scope of the law will be issued and sent by the inspectors of plants, and a special form, Forest Form 1, issued by the Forest Service, in the instances of all packages which are delivered to the Forest Service, accompanying plant products which are subject to inspection or to permit issue.

The place to which a permit is issued in the State of Arizona shall be designated by the applicant. The regulations, under the provisions of section 4581, Revised Laws and Regulations, prohibiting the importation of plant products without a permit issued in the manner in the law which is herein to be called "Forest Service, Department of Agriculture, Washington, D. C."

Only in the particular instances of plants and plant products the packages contained such matter must be given proper attention.

Any failure of compliance with the foregoing regulations, or with the provisions of section 4581, Revised Laws and Regulations, pertaining to the importation of any plants or plant products, should be reported to the Forest Service, Washington, D. C., or to the Department of Agriculture.

W. M. JARDINE,
Secretary of Agriculture.

Forest Service, Washington, D. C.

LISTED LIST OF CITRUS AND PLANT PRODUCTS SUBJECT TO TRESPASS, AND INSPECTION IN THE STATE OF CALIFORNIA.

[Notice to Those Shipping Into Nursery Stock.]

[Washington, D. C., [illegible], 1914.]

Referring to the plants and plant products subject to mandatory inspection in the State of California, in the notice of the Office of Foreign and Interstate Quarantine, appearing on page 2 of the June, 1913, Supplement to the Forest Service, [illegible] [illegible] that the following plants and other horticultural and other products are subject to inspection and permit issue, and to the [illegible] [illegible] [illegible]